

Global PP-1202-J Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Description-transparency, high stiffness, high heat resistant Applications-textile applications, bags, tape, sheet, toys Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-PP-1202-J-Polypropylene-Homopolymer.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|---------------|
| Melt Flow | 3.0 g/10 min @Load 2.16 kg, Temperature 230 °C | 3.0 g/10 min @Load 4.76 lb, Temperature 446 °F | L; ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|---|--|-----------|
| Ball Indentation Hardness | 88.0 MPa | 12800 psi | DIN 53456 |
| Tensile Strength, Yield | 35.0 MPa | 5080 psi | ASTM D638 |
| Shear Modulus | 0.680 GPa | 98.6 ksi | DIN 53457 |
| Charpy Impact, Notched | 0.400 J/cm ² @Temperature -23.0 °C | 1.90 ft-lb/in ² @Temperature -9.40 °F | DIN 53453 |

| Thermal Properties | Metric | English | Comments |
|--|--------|---------|-----------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 110 °C | 230 °F | Unannealed; ASTM D648 |

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